

# SSC Construction Inspection Safety findings

## February, 2010

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# Construction Safety Findings: 29 January-04 February 2010

## ■ Findings Total: 1

### - Serious Findings: 1

#### ■ Fall Protection: 1

- Two workers were in an area of level seven of a test stand where the guard rails were removed without having their personal fall arrest systems properly tied-off. Both workers were exposed to a fall of well over six feet. 29 CFR 1926.501

### - Less than Serious Findings: 0

## ■ Mishaps / Close Calls: 2

#### ■ Mishap: 1

- A worker complained of pain to the shoulder but went home. The worker did not return to work and when contacted by a supervisor stated that the worker was given days away from work from a local hospital for a torn shoulder.

#### ■ Close Call: 1

- Workers core-drilling into the side of the a building's basement and allowed water to seep into the basement.

# Construction Safety Findings: 05-18 February 2010

- **Findings Total: 0**

- **Serious Findings: 0**

- **Less than Serious Findings: 0**

- **Mishaps / Close Calls: 2**

- **Close Call: 2**

- While hand digging to locate a buried 1 ½ inch water line, a worker damaged the line by hitting it with a pick.
- Workers noticed a strong, unknown odor coming from the ground while auguring 24 inch holes in the ground. Work was stopped until Environmental and I.H. could investigate.

# Construction Safety Findings: 19-25 February 2010

- **Findings Total: 0**

- **Serious Findings: 0**

- **Less than Serious Findings: 0**

- **Mishaps / Close Calls: 1**

- **Close Call: 1**

- While digging a 24 inch deep ditch with a mechanical ditching machine, a buried telephone line was damaged. The telephone line ran to a sewage lift station and had not been properly located.

# Summary

- **Total Findings: 1**
- **Serious Findings: 1**
- **Less than serious Findings: 0**
- **Close Calls: 4**
- **Mishaps: 0**
- **Injuries: 0**

# What's New

New Construction Safety and Health Training Requirements are close to coming due:

31 March 2010

# Background

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- NASA Common Work Instruction SCWI 8715-0008 changed to mandate heightened training requirements for construction contractors
- Procurement Specification changed to contractually obligate new contractors to obtain training before working at SSC
- Existing contractors will be dealt with through the Facility Change Request (FCR) contract mod process.

# Background

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- Targeted contractors include all construction All construction project managers, superintendents, supervisors (i.e., foremen, crew chiefs), and construction employees shall complete the Basic Orientation Plus program presented by the Greater New Orleans Industrial Education Council (GNOIEC). This program can be attended at any of the twenty-six (26) Safety Councils throughout the United States that are associated with the GNOIEC. Contact with the council can be made at [www.gnoiec.com](http://www.gnoiec.com) or 504-469-7787 to locate the nearest council.

# Background

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This SCWI is applicable to:

- all construction contractors and subcontractors.
- to onsite prime contractors that perform construction-type work or other work as specified within this document.
- to service contractors of all tiers engaged in construction-type activities.

**Not Applicable** to visitors, consultants, or third-party establishments, such as utility and municipal services.

# Background

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- If it is not possible to attend the GNOIEC Basic Orientation program, an equivalent program shall be required (i.e., OSHA ten (10) hour for contractor employees and thirty (30) hour training for Managers, Supervisors, and Safety and Health professionals).

# Rollout/Existing Contractors

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- Met with A3 contractors 3/3/2010 to test the water and answer questions
- A3 personnel to work together to craft FCRs with estimates to comply with training requirements to be directed to NASA A3 POC
- Similar work to be done with other NASA direct contracts
- FOSC Construction Subs expected to comply
- Both will be available through GNOIEC
- Retraining requirement is annual for both classes

# Rollout/Existing Contractors

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- Surge, or the initial existing construction contractor workforce who need the training will be partially dealt with through providing several GNOIEC led sessions at SSC for both the BOP and the SSC specific orientation.

# Rollout/New Contractors

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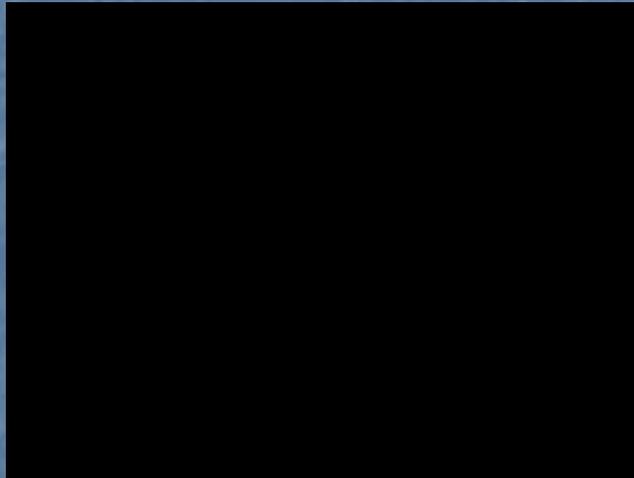
- Procurement Specification in place with referenced change to new training
- CEF, Design Engineers, and Construction Managers are including the new specs in packages
- New construction contractors will be expected to have this before setting foot on SSC – utilize GNOIEC process.

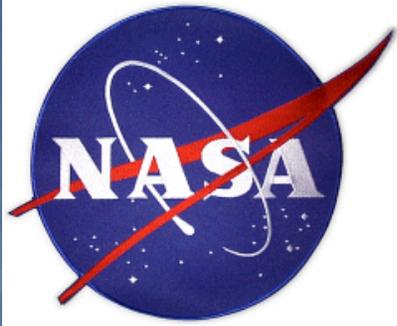
Questions???

# Hand Tool Safety

Always inspect the area you are going to be using hand tools as well!

# Hand Tool Safety





It's easier to ask a dumb question than it is to fix a dumb mistake.

